

Applicant or Patentee: Katayama Chemical, Inc. Attorney's: 10690/126885  
 Serial or Patent No.: \_\_\_\_\_ Docket No.: \_\_\_\_\_  
 Filed or Issued: \_\_\_\_\_  
 For: Silver Conjugated Protein, and Antibacterial/Antifungal Agent and Antibacterial/Antifungal  
Paper using the same

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
 STATUS (37 CFR 1.9 (f) and 1.27 (c)) — SMALL BUSINESS CONCERN

I hereby declare that I am  
☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Katayama Chemical, Inc.  
 ADDRESS OF CONCERN 2-10-15, Higashiawaji, Higashiyodogawa-ku,  
Osaka-shi, Osaka 533-0023 Japan

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9 (d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled Silver Conjugated Protein,  
and Antibacterial/Antifungal Agent and Antibacterial/Antifungal Paper using the same by inventor(s)  
Yoshihiro KAWAGUCHI described in

☒ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9 (d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9 (d) or a nonprofit organization under 37 CFR 1.9 (e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING Hirohiko KATAYAMA  
 TITLE OF PERSON OTHER THAN OWNER \_\_\_\_\_  
 ADDRESS OF PERSON SIGNING 1591-3-201, Hirano, Mikage, Mikage-cho, Higashinada-ku, Kobe-shi,  
Hyogo, JAPAN.

SIGNATURE

Hirohiko Katayama  
 Hirohiko KATAYAMA

DATE September 26, 2001

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0551-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☐ Declaration Submitted with Initial Filing OR ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	10690/126885
First Named Inventor	Yoshihiro Kawaguchi
COMPLETE IF KNOWN	
Application Number	09 / 937,924
Filing Date	October 2, 2001
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SILVER CONJUGATED PROTETIN, AND ANTIBACTERIAL ANTIFUNGAL AGENT  
AND ANTIBACTERIAL ANTIFUNGAL PAPER USING THE SAME

the specification of which

(Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) March 30, 2000 as United States Application Number or PCT International

Application Number PCT/JP00/02053 and was amended on (MM/DD/YYYY)                      (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
HEI 11 (1999)-096847	Japan	April 2, 1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2000-030690	Japan	February 8, 2000	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 3]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SE/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/JP00/02053	03/30/2000	

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SE/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
See Rider A annexed hereto and made a part hereof.			

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SE/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ Correspondence address below

Name	Maurice B. Stiefel, Esq.					
Address	BRYAN CAVE LLP					
Address	245 Park Avenue					
City	New York,	State	NY	ZIP	10167	
Country	US	Telephone	(212) 692-1838	Fax	(212) 692-1900	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle if any)	Family Name or Surname
YOSHIHIRO	KAWAGUCHI

Inventor's Signature	<i>Yoshihiro Kawaguchi</i>			Date	March 1, 2002
Residence: City	Osaka-shi, Osaka	State	Japan	Country	JP
Post Office Address	c/o Katayama Chemical, Inc., 2-10-15, Higashiawaji,				
Post Office Address	Higashiyodogawa-ku, Osaka-shi, Osaka 533-0023				
City	Osaka	State	Japan	ZIP	533-0023
				Country	JP

☐ Additional Inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SE/02A attached hereto.

DOCKET NO. 10690/126885

**RIDER ANNEXED HERETO AND MADE A PART HEREOF**

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Maurice B. Stiefel, Reg. No. 18,479; Lawrence G. Kurland, Reg. No. 24,895;  
Stephen P. Gilbert, Reg. No. 27,893; David A. Roodman, Reg. No. 35,663;  
N. Whitney Wilson, Reg. No. 38,661; Daniel A. Crowe, Reg. No. 39,644; Stephen  
M. Haracz, Reg. No. 33,397; Warren K. MacRae, Reg. No. 37,876; Kevin C.  
Hooper, Reg. No. 40,402; Christopher J. Hayes, Reg. No. 41,822; Bosco Kim,  
Reg. No. 41,896; Charles T.J. Weigell, Reg. 43,398; Stephen Brown, Reg. No.  
43,519; Angel Herrera, Jr., Reg. No. 46,767, and Joy Goudie, Reg. No. P-48,146.